

INFORMATION REPORT

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COUNTRY Germany (Russian Zone) **CONFIDENTIAL** DATE DISTR. 13 February 1948

SUBJECT Activities at the Technisch-Wissenschaftliches Bureau in Warnemünde NO. OF PAGES 2

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SUPPLEMENT TO
REPORT NO.

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1. The Technisch-Wissenschaftliches Büro in Warnemünde, which employs approximately forty engineers and builders, is working on plans for a warship of 3,000 to 4,000 tons with wide action radius. It is to have two marine turbines, each 50,000 hp, and four Wagner high pressure boilers, each of 100 tons capacity at 70 atmospheres absolute pressure and 450 degrees Centigrade. The ship will have four twin turrets for 150 mm guns. These vessels are to be constructed inside Russia in new yards also being planned.

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Comment: Some discrepancy seems apparent between the text and the document in Attachment I. Para. 1 above mentions four boilers, each of 100 tons capacity at 70 atmospheres absolute pressure and 450 degrees Centigrade. The letter refers to a high pressure boiler plant of 200 tons steam/hour at 70 atmospheres absolute pressure and 400 degrees Centigrade, consisting of two high pressure water tube boilers. The Warnemünde bureau has also been designated by [redacted] in reverse, as the Wissenschaftlich-Technisches Büro. Previous estimates of the bureau's strength, [redacted] have ranged as high as 90 men.

2. The yards will total three or four, at each of which twenty-five such vessels (Para 1 above) will be constructed in series annually. The first ships are to come off the ways in mid-1949. The Warnemünde bureau will plan and work out the details for the yards. Some of its personnel may go to Russia for this purpose. The first yard is now scheduled for erection at Kertsch in the Crimea.

3. The Technisch-Wissenschaftliches Büro is connected with the Neptun Werft in Rostock and with the Soviet Ministry for Shipbuilding (MSP) in Berlin-Köpenick. The Soviet executive at Warnemünde is Colonel Grigoriev, who appears well informed concerning Italian Navy matters. The ship construction section remains under Obering. Schlaak. Head of the machine construction section is Obering. Heise, formerly with Schichau in Elbing.

4. The attached letter (Attachment I) from the Warnemünde bureau to the Askania firm, written on 18 November 1947, refers to automatic steering devices destined for five destroyers which are to be built and equipped in Rostock. This project is being handled by MSP, Berlin-Köpenick.

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This document is hereby regraded to CONFIDENTIAL in accordance with the letter of 16 October 1978 from the Director of Central Intelligence to the Archivist of the United States.

Next Review Date: 2003

SECRET

NO CHANGE in Class.

DECLASSIFIED

Class. CHANGED TO:

DDA Memo. 4 Apr 77

Auth: DDA REG. 77/1763

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By: 018

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5. Similar equipment was constructed by Askania before and during the war. Equipment of secondary quality was sold to France, Italy, and Japan; and in 1939 a few such devices were sent to the USSR, together with a half-completed warship, but no installations were made.

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Comment: [REDACTED] in October 1947: "There are indications that the Russians are about to embark seriously on projects for designing destroyers, and this will probably be undertaken in the firms of Polte, Strube, and Schaeffer & Budenberg, all in Magdeburg."

6. MSP attempted to set up its own construction group for this equipment, utilizing former Askania employees who, however, did not possess the technical requisites. Two of these employees, Manteuffel and Mayer, fled to the other zones. The subject has now been taken up again via the attached letters.

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Comment: Manteuffel may possibly be the von Manteuffel first reported by the originating office as a Diplom-Ingenieur in charge of boiler regulation research within the Kreisel Group at Gema during February 1946. Source apparently is not familiar with the exact chain of command whereby some MSP projects are passed to the presumably subordinate bureau at Warnemünde.

7. The French Navy is also much interested in these steering devices which are now being produced in the Askania plant at Ueberlingen.

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ATTACHMENT I

Scientific Technical Office
Warnemünde Section

Askania Factory, Berlin

Subject: Project No. 30

We have been ordered to work out several ship projects commissioned for foreign accounts, and ask you for a bid on a completely automatic regulating apparatus for a high pressure boiler plant of 200 tons steam/hour at 70 atmospheres absolute pressure and 400°C, consisting of 2 high pressure water tube boilers and the auxiliary machines necessary.

Special consideration is to be given the greatest saving of weight in the design. In addition to the usual technical data (weight, installation sketches with main data), please include in your bid information concerning delivery possibilities.

At the same time, we request that you send us literature concerning your products, regardless of the possibility of delivery at the moment, which we would like to use as a base in the handling of further projects.

Looking forward to your esteemed order with interest, we sign,

Respectfully,

Scientific Technical Office
Warnemünde Section
Oberingenieur (signature)

To the Scientific Technical Office, Warnemünde, Am Strom 110
Sohn/Do. 18-11-47 RTB-Km/Hr. 28-11-47

Project No. 30

We received your letter of 18-11-47 stating your interest in construction projects for regulating devices for completely automatic high pressure boiler steering. You may know that we are the only firm which has experience in carrying out installations of this sort in the hydraulic field.

With your letter you request the working out of a bid. This is impossible, however, without further knowledge of the technical data in view of the size of this type of installation. The making of a technical plan is only possible if all technical and operational details can be clarified in a detailed conference.

We are prepared for a conference of this sort and could hold it here in Berlin when one of your leading people is here. On the other hand, we would also be prepared to send our men there for a preliminary discussion, if you can supply us with necessary gasoline for the car. In this case, the conference could take place at your plant between 10 and 15 December 1947.

In conclusion, we would like to say that we have both the technical experts and the facilities to lay out and construct the plant you want. The files have been completely destroyed, however, so that for your special purposes a complete restoration of these documents will have to be made. The manner of construction must also be discussed in the conference.

We are enclosing plans of steering and instrument installations as they are in use in our normal program for land based installations, which could be delivered in a short time.

If you wish to come to Berlin for discussions, please advise us in advance by telegram so that our necessary personnel may be on hand.

(Askania-Werke)

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Warnemünde, 18-11-47
Am Strom 110
Sohn/Do.